

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/08 (10-01)

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) FEB 14 2003 U.S. PATENT & TRADEMARK OFFICE		Application Number	09/883,745
		Filing Date	June 18, 2001
		First Named Inventor	Christopher Ong
		Art Unit	1634
		Examiner Name	Not Yet Assigned <i>Franklin</i>
Sheet 1 of 1	Attorney Docket Number	10000.2001	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
<i>m</i>	1	WO 01/57251	08-09-2001	Annomax, Inc.		
<i>m</i>	2	WO 98/14614 A	04-09-1998	Lexicon Genetics, Inc.		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ²
<i>m</i>	3	ZAMBROWICZ, B. and FRIEDRICH, G., "Comprehensive mammalian genetics; history and future prospects of gene trapping in the mouse," 1988, Int. J. Dev. Biol. 42: 1025-1036.				
	4	CHEN, H., ET AL., "A chromosome 18-specific gene array based on trapped exons: Implications for bipolar disorder," 2000, Abstract (program #1427) from 50 th Annual Meeting of the American Society for Human Genetics (Philadelphia, PA. -October 03-07, 2000).				
	5	SKARNES, W., "The identification of new genes: gene trapping in transgenic mice," 1993, Current Opinion in Biotechnology 4:684-689.				
	6	EVANS, M.J., ET AL., "Gene trapping and functional genomics," 1997, Trends in Genetics 13(9): 370-374.				
	7	SHOEMAKER, DD., ET AL., "Experimental annotation of the human genome using microarray technology," 2001, Nature, 409(6822):922-927.				
	8	PENN, S., et al., "Mining the human genome using Microarrays of open reading frames," 2000 Nature Genetics 26(3):315-318.				

Examiner Signature	<i>Franklin</i>	Date Considered	3/31/2003
--------------------	-----------------	-----------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box

PTO/SB/08B (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Trademark Office: U.S. DEPARTMENT OF COMMERCE
Information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/883,745
Filing Date	June 18, 2001
First Named Inventor	ONG, Christopher J.
Group Art Unit	1634 REC
Examiner Name	Frank en
Attorney Docket Number	10000.2001 APP

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-96)
 Approved for use through 10/31/99. OMB 0651-0031
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Release of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet	1	of	3
-------	---	----	---

Complete if Known

Application Number	09/883.745
Filing Date	June 18, 2001
First Named Inventor	ONG, Christopher J.
Group Art Unit	1634
Examiner Name	Frank L
Attorney Docket Number	10000.2001

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature


And in

Date
Considered

4	3	200
---	---	-----

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box 

PTO/SB/08B (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	09/883.745
Filing Date	June 18, 2001
First Named Inventor	ONG, Christopher J.
Group Art Unit	1634
Examiner Name	FRANK
Attorney Docket Number	10000.2001

RECEIVED

APR 01 2002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
W	-	BAKER et al., Developmental Biology(1997), 185:201-214.	-
	-	BOTWELL, Nature Genetics Supplement(1999) 21:25-32.	-
	-	BROWN and NOLAN, Human Molecular Genetics(1998), 7(10):1627-1633.	-
	-	CHAN and EVANS, Trends in Genetics(1991), 7(3):76.	-
	-	KUWANO, Zoological Science(1996), 13:277-83.	-
	-	SKARNES et al., Genes & Development(1992), 6(6):903-918.	-
	-	SOUTHERN et al., Nature Genetics Supplement(1999) 21:5-9.	-
	-	UDY and EVANS, BioTechniques(1994), 17(5):887-894.	-
	-	URE et al. Trends in Genetics(1992), 8(1):6.	-
	-	WILES et al., Nature Genetics(2000), 24:13-14.	-
	-	WURST et al., Genetics(1995), 139:889-899.	-

TECH CENTER 1600/2

Examiner Signature		Date Considered	3/31/2003
--------------------	---	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/883,745
Filing Date	June 18, 2001
First Named Inventor	ONG, Christopher J.
Group Art Unit	1634
Examiner Name	Franken
Attorney Docket Number	10000.2001

(use as many sheets as necessary)

Sheet	3	of	3
-------	---	----	---

Attorney Docket Number	10000.2001
------------------------	------------



OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

[illegible]

RECEIVED
APR 01 2002
TECH CENTER 1600/2900

**Examiner
Signature**

rule on

Date Considered

3/31/2003

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+